reby certify that this correspondence is being deposited with the United States Postal Services set forth below as First Class Mail in an envelope addressed to: Commissioner of Patents and

rks, Washington, D/C. 20231. Date of Signature and Deposit:

Attorney of Record

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:

James A. Thomson, et al.

Serial No.:

08/376,327

Filed:

For:

January 20, 1995 PRIMATE EMBRYONIC STEM CELLS

Group Art Unit: Examiner:

Docket No.:

960296.92905

Commissioner of Patents and Trademarks Washington, DC 20231

## INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR § 1.97 AND § 1.98

Dear Sir:

In the matter of the above-identified case, Applicants respectfully present the following references to the Examiner for review:

## Patent

A. Tsukamoto, et al., 5,061,620, October 29, 1991.

## **Documents**

"Embryonic monkey cells isolated," The Milwaukee Journal, November 4, 1994.

- A. Bongso, et al., "Isolation and culture of inner cell mass cells from human blastocysts," Human Reprod. 9[11]:2110-2117, 1994.
- E. Marshall, "Rules on Embryo Research Due Out," Science 265:1024-1026, 1994.
- P. Andrews, et al., "Cell lines from human germ cell . tumours," Chapter 8, pp. 207-248, in Teratocarcinomas and

**PATENT** 

Embryonic Stem Cells; A Practical Approach, Oxford: 1RL Press, 1987.

- P. Seshagiri, <u>et al.</u>, "Non-Surgical Uterine Flushing for the Recovery of Preimplantation Embryos in Rhesus Monkeys: Lack of Seasonal Infertility," <u>Am. J. Primatol.</u> 29:81-91, 1993.
- T. Doetschman, et al., "The in vitro development of blastocyst-derived embryonic stem cell lines: formation of visceral yolk sac, blood islands and myocardium," J. Embryol. exp. Morph. 87:27-45, 1985.
- R. Williams, et al., "Myeloid leukaemia inhibitory factor maintains the developmental potential of embryonic stem cells," Nature 336:684-692, 1988.
- M. Evans, et al., "Establishment in culture of pluripotential cells from mouse embryos," Nature 292:154-156, 1981.
- J. Giles, et al., "Pluripotency of Cultured Rabbit Inner Cell Mass Cells Detected by Isozyme Analysis and Eye Pigmentation of Fetuses Following Injection Into Blastocysts or Morulae," Mol. Reprod. Dev. 36:130-138, 1993.
- E. Notarianni, <u>et al</u>., "Maintenance and differentiation in culture of pluripotential embryonic cell lines from pig blastocysts," <u>J. Reprod. Fert. Suppl.</u> 41:51-56, 1990.
- M. Evans, <u>et al</u>., "Derivation and Preliminary Characterization of Pluripotent Cell Lines from Porcine and Bovine Blastocysts," <u>Theriogenology</u> 33[1]:125-128, 1990.
- J. Rossant, et al., "The relationship between embryonic, embryonal carcinoma and embryo-derived stem cells," Cell Diff. 15:155-161, 1984.
- P. Andrews, et al., "Pluripotent Embryonal Carcinoma Clones Derived from the Human Teratocarcinoma Cell Line Tera-2," Lab. Invest. 50[2]:147-162, 1984.

- T. Lapidot, <u>et al</u>., "Modeling Human Hematopoiesis in Immunodeficient Mice," <u>Lab. Animal Sci.</u> 43[2]:147-149, 1993.
- J. Wenk, <u>et al</u>., "Glycolipods of Germ Cell Tumors:

  Extended Globo-series Glycolipods are a Hallmark of Human

  Embryonal Carcinoma Cells," <u>Int. J. Can.</u> 58:108-115, 1994.
- A. Bongso, <u>et al</u>., "The Growth of Inner Cell Mass Cells from Human Blastocysts," <u>Theriogenology</u> 41:167, 1994.
- M. Sukoyan, <u>et al</u>., "Isolation and Cultivation of Blastocyst-derived Stem Cell Lines From American Mink (Mustela vison)," <u>Mol. Reprod. Dev.</u> 33:418-431, 1992.
- M. Sukoyan, et al., "Embryonic Stem Cells Derived From Morulae, Inner Cell Mass, and Blastocysts of Mink:

  Comparisons of Their Pluripotencies," Mol. Reprod. Dev.

  36:148-158, 1993.
- K. Graves, <u>et al.</u>, "Derivation and Characterization of Putative Pluripotential Embryonic Stem Cells From Preimplantation Rabbit Embryos," <u>Mol. Reprod. Dev.</u> 36:424-433, 1993.
- J. Thomson, et al., "Nonsurgical uterine stage preimplantation embryo collection from the common marmoset,"

  J. Med. Primatol. 23:333-336, 1994.
- T. Golos, et al., "Cloning of Four Growth
  Hormone/Chorionic Somatomammotropin-related Complementary
  Deoxyribonucleic Acids Differentially Expressed during
  Pregnancy in the Rhesus Monkey Placenta," Endocrinology
  133[4]:1744-1752, 1993.

## Remarks

One copy of each reference and a Form PTO-1449 is included herewith. No fees are believed necessary to enter

this statement. However, if a fee is necessary, please charge deposit account 17-0055.

> Respectfully submitted, James A. Thomson, et al.

Jean C. Baker QUARLES & BRADY 411 East Wisconsin Avenue

Milwaukee, WI 53202 Reg. No.: 35,433 (414) 277-5709